

# Frozen Cakes, Pies, and Other Pastries Manufacturing: 2002

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## 2002 Economic Census

*Manufacturing*

Industry Series



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U.S. Department of Commerce  
Economics and Statistics Administration  
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-- Not applicable for this report.

**Table 1. Historical Statistics for the Industry: 2002 and Earlier Years**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry and year <sup>1</sup>  | Com-<br>panies <sup>2</sup> | All<br>estab-<br>lish-<br>ments <sup>3</sup> | All employees       |                      | Production workers  |                  |                    | Value<br>added<br>(\$1,000) | Total<br>cost of<br>materials<br>(\$1,000) | Total<br>value of<br>shipments<br>(\$1,000) | Total capital<br>expendi-<br>tures<br>(\$1,000) |
|---|-----------------------------|--|---------------------|----------------------|---------------------|------------------|--------------------|-----------------------------|--|---|---|
|   |                             |  | Number <sup>4</sup> | Payroll<br>(\$1,000) | Number <sup>4</sup> | Hours<br>(1,000) | Wages<br>(\$1,000) |                             |  |   |   |
| 311813, Frozen cakes, pies, and other<br>pastries manufacturing ..... | 2002..                      | 259  | 22 381              | 697 807              | 17 611              | 35 695           | 464 937            | 2 212 527                   | 1 967 628                                  | 4 167 461                                   | '178 994  |
|   | 2001..                      | N  | 16 742              | 470 588              | 13 744              | 27 222           | 320 052            | 1 573 895                   | 1 438 122                                  | 3 008 063                                   | 201 122   |
|   | 2000..                      | N  | 16 473              | 443 534              | 13 546              | 27 205           | 307 906            | 1 558 606                   | 1 346 964                                  | 2 937 090                                   | 218 205   |
|   | 1999..                      | N  | 15 047              | 404 739              | 12 173              | 24 331           | 285 916            | 1 465 394                   | 1 216 350                                  | 2 637 771                                   | 147 588   |
|   | 1998..                      | N  | 15 402              | 407 805              | 12 554              | 25 375           | 283 602            | 1 409 832                   | 1 185 236                                  | 2 594 896                                   | 103 334   |
|   | 1997..                      | 223  | 236                 | 14 960               | 389 815             | 12 207           | 24 310             | 274 909                     | 367 346                                    | 1 143 600                                   | 2 511 925                                       |

<sup>1</sup>Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

<sup>2</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>3</sup>Includes establishments with payroll at any time during the year.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Industry Statistics for Selected States: 2002**

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| Industry and geographic area  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>3</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>311813, Frozen cakes, pies, and other pastries manufacturing</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| United States .....   | 1              | 259                             | 162                       | 22 381              | 697 807           | 17 611              | 35 695        | 464 937         | 2 212 527             | 1 967 628                         | 4 167 461                          | 178 994                              |
| California .....  | —              | 36                              | 25                        | 3 650               | 101 954           | 2 977               | 6 133         | 66 220          | 346 172               | 278 552                           | 623 572                            | 44 512                               |
| Connecticut .....   | 7              | 6                               | 2                         | 148                 | 5 411             | 118                 | 229           | 3 042           | 16 101                | 9 873                             | 25 721                             | 731                                  |
| Florida .....   | 7              | 10                              | 5                         | 292                 | 9 384             | 234                 | 483           | 5 253           | 23 379                | 19 051                            | 42 332                             | 929                                  |
| Georgia .....   | 1              | 9                               | 8                         | 1 358               | 43 583            | 823                 | 1 603         | 22 145          | 76 791                | 118 311                           | 193 944                            | 4 702                                |
| Illinois .....  | 5              | 11                              | 8                         | 680                 | 20 903            | 545                 | 1 131         | 12 499          | 43 988                | 46 611                            | 90 826                             | 3 050                                |
| Massachusetts .....   | 2              | 18                              | 11                        | 590                 | 16 845            | 447                 | 867           | 11 430          | 41 762                | 31 235                            | 72 966                             | 967                                  |
| Michigan .....  | 2              | 8                               | 5                         | 1 102               | 45 199            | 977                 | 2 036         | 37 284          | 198 244               | 152 440                           | 348 655                            | 5 721                                |
| Minnesota .....   | —              | 9                               | 7                         | 1 556               | 51 480            | 1 285               | 2 612         | 40 115          | 210 401               | 148 556                           | 359 398                            | 7 050                                |
| Missouri .....  | 1              | 4                               | 3                         | 433                 | 12 012            | 360                 | 698           | 9 013           | 43 976                | 33 817                            | 78 362                             | 1 452                                |
| Nebraska .....  | 3              | 3                               | 3                         | 365                 | 9 473             | 312                 | 572           | 6 803           | 28 699                | 25 903                            | 54 612                             | 1 001                                |
| New York .....  | 5              | 21                              | 9                         | 610                 | 17 489            | 497                 | 1 006         | 11 528          | 55 687                | 48 453                            | 102 698                            | 2 149                                |
| North Carolina .....  | —              | 7                               | 4                         | 1 117               | 29 546            | 959                 | 1 920         | 22 204          | 107 272               | 77 337                            | 185 544                            | 5 674                                |
| Ohio .....  | 5              | 8                               | 5                         | 405                 | 11 679            | 290                 | 584           | 5 579           | 31 495                | 34 767                            | 66 740                             | 1 559                                |
| Oregon .....  | —              | 5                               | 2                         | 257                 | 6 647             | 215                 | 424           | 4 468           | 15 310                | 20 401                            | 35 837                             | 3 522                                |
| Pennsylvania .....  | —              | 18                              | 13                        | 2 119               | 74 210            | 1 693               | 3 433         | 51 467          | 274 582               | 190 448                           | 466 318                            | 9 956                                |
| South Carolina .....  | —              | 3                               | 3                         | 504                 | 22 632            | 434                 | 760           | 17 329          | 51 910                | 50 224                            | 102 091                            | 2 821                                |
| Tennessee .....   | —              | 5                               | 3                         | 393                 | 10 631            | 247                 | 583           | 6 011           | 58 492                | 40 132                            | 100 602                            | 1 879                                |
| Texas .....   | 2              | 10                              | 5                         | 1 170               | 33 403            | 1 000               | 2 070         | 22 675          | 93 912                | 86 344                            | 179 412                            | 15 893                               |
| Utah .....  | 1              | 7                               | 7                         | 874                 | 23 615            | 738                 | 1 415         | 15 539          | 76 006                | 65 495                            | 139 071                            | 1 843                                |
| Washington .....  | 8              | 6                               | 3                         | 219                 | 5 975             | 171                 | 322           | 4 155           | 18 517                | 17 247                            | 35 823                             | 1 059                                |

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 3. Detailed Statistics by Industry: 2002**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Item   | Value                |
|--|----------------------|
| <b>311813, Frozen cakes, pies, and other pastries manufacturing</b>                        |                      |
| Companies <sup>1</sup> .....   | number.. 226         |
| All establishments <sup>2</sup> .....  | number.. 259         |
| Establishments with 1 to 19 employees .....  | number.. 97          |
| Establishments with 20 to 99 employees .....   | number.. 95          |
| Establishments with 100 employees or more .....  | number.. 67          |
| All employees <sup>3</sup> .....   | number.. 22 381      |
| Total compensation .....   | \$1,000.. 857 218    |
| Annual payroll .....   | \$1,000.. 697 807    |
| Total fringe benefits .....  | \$1,000.. 159 411    |
| Production workers, average for year .....   | number.. 17 611      |
| Production workers on March 12 .....   | number.. 17 311      |
| Production workers on May 12 .....   | number.. 17 208      |
| Production workers on August 12 .....  | number.. 17 830      |
| Production workers on November 12 .....  | number.. 18 058      |
| Production worker hours .....  | 1,000.. 35 695       |
| Production worker wages .....  | \$1,000.. 464 937    |
| Total cost of materials .....  | \$1,000.. 1 967 628  |
| Materials, parts, containers, packaging, etc., used .....                                  | \$1,000.. 1 721 244  |
| Resales .....  | \$1,000.. 176 367    |
| Purchased fuels .....  | \$1,000.. 14 860     |
| Purchased electricity .....  | \$1,000.. 45 770     |
| Contract work .....  | \$1,000.. 9 387      |
| Quantity of electricity purchased for heat and power .....                                 | 1,000 kWh.. 732 553  |
| Quantity of electricity generated less sold for heat and power .....                       | 1,000 kWh.. 850      |
| Total value of shipments .....   | \$1,000.. 4 167 461  |
| Primary products value of shipments .....  | \$1,000.. 3 412 147  |
| Secondary products value of shipments .....  | \$1,000.. 448 554    |
| Total miscellaneous receipts .....   | \$1,000.. 306 760    |
| Value of resales .....   | \$1,000.. 239 121    |
| Contract receipts .....  | \$1,000.. 66 583     |
| Other miscellaneous receipts .....   | \$1,000.. 1 056      |
| Primary products specialization ratio .....  | percent.. 88         |
| Value of primary products shipments made in all industries .....                           | \$1,000.. 3 858 632  |
| Value of primary products shipments made in this industry .....                            | \$1,000.. 3 412 147  |
| Value of primary products shipments made in other industries .....                         | \$1,000.. 446 485    |
| Coverage ratio .....   | percent.. 88         |
| Value added .....  | \$1,000.. 2 212 527  |
| Total inventories, beginning of year .....   | \$1,000.. 214 739    |
| Finished goods inventories .....   | \$1,000.. 105 171    |
| Work-in-process inventories .....  | \$1,000.. 5 490      |
| Materials and supplies inventories .....   | \$1,000.. 104 078    |
| Total inventories, end of year .....   | \$1,000.. 243 249    |
| Finished goods inventories .....   | \$1,000.. 118 505    |
| Work-in-process inventories .....  | \$1,000.. 4 850      |
| Materials and supplies inventories .....   | \$1,000.. 119 894    |
| Gross value of depreciable assets (acquisition costs) at beginning of year .....           | \$1,000.. 1 507 734  |
| Total capital expenditures (new and used) .....  | \$1,000.. '178 994   |
| Buildings and other structures (new and used) .....  | \$1,000.. '34 731    |
| Machinery and equipment (new and used) .....   | \$1,000.. '144 263   |
| Automobiles, trucks, etc., for highway use .....   | \$1,000.. '2 189     |
| Computers and peripheral data processing equipment .....                                   | \$1,000.. '7 870     |
| All other expenditures for machinery and equipment .....                                   | \$1,000.. '134 204   |
| Total retirements .....  | \$1,000.. '124 637   |
| Gross value of depreciable assets at end of year .....                                     | \$1,000.. '1 562 091 |
| Depreciation charges during year .....   | \$1,000.. '145 734   |
| Total rental payments .....  | \$1,000.. 42 084     |
| Buildings and other structures .....   | \$1,000.. 26 579     |
| Machinery and equipment .....  | \$1,000.. 15 505     |
| Total other expenses <sup>4</sup> .....  | \$1,000.. 283 028    |
| Response coverage ratio <sup>5</sup> .....   | percent.. 81         |
| Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....           | \$1,000.. 38 165     |
| Communications services <sup>4</sup> .....   | \$1,000.. 3 690      |
| Legal services <sup>4</sup> .....  | \$1,000.. 1 817      |
| Accounting, auditing, and bookkeeping services <sup>4</sup> .....                          | \$1,000.. 4 830      |
| Advertising and promotional services <sup>4</sup> .....                                    | \$1,000.. 35 098     |
| Expensed computer hardware and supplies and purchased computer services <sup>4</sup> ..... | \$1,000.. 1 932      |
| Refuse removal (including hazardous waste) services <sup>4</sup> .....                     | \$1,000.. 6 581      |
| Management consulting and administrative services <sup>4</sup> .....                       | \$1,000.. 7 278      |
| Taxes and license fees <sup>4</sup> .....  | \$1,000.. 8 622      |
| All other expenses <sup>4</sup> .....  | \$1,000.. 175 016    |

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Based on 2002 Annual Survey of Manufactures (ASM) sample data.

<sup>5</sup>A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Employment size class  | E <sup>1</sup> | All establishments <sup>2</sup> | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--|----------------|---------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|  |                |                                 | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>3</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| 311813, Frozen cakes, pies, and other pastries manufacturing |                |                                 |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| All establishments .....                                     | 1              | 259                             | 22 381              | 697 807           | 17 611              | 35 695        | 464 937         | 2 212 527             | 1 967 628                         | 4 167 461                          | '178 994                             |
| Establishments with—   |                |                                 |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 1 to 4 employees .....                                       | 9              | 54                              | 107                 | 3 425             | 91                  | 174           | 2 482           | 10 016                | 8 298                             | 18 425                             | '355                                 |
| 5 to 9 employees .....                                       | 6              | 22                              | 140                 | 5 229             | 106                 | 207           | 3 006           | 14 360                | 14 357                            | 28 730                             | '582                                 |
| 10 to 19 employees .....                                     | 8              | 21                              | 310                 | 10 586            | 248                 | 506           | 6 949           | 27 452                | 24 399                            | 51 792                             | '1 129                               |
| 20 to 49 employees .....                                     | 4              | 59                              | 1 913               | 51 739            | 1 423               | 2 768         | 31 668          | 129 857               | 102 791                           | 233 107                            | '11 132                              |
| 50 to 99 employees .....                                     | 3              | 36                              | 2 548               | 75 239            | 1 984               | 3 940         | 46 473          | 195 508               | 186 560                           | 381 062                            | '8 526                               |
| 100 to 249 employees .....                                   | 2              | 41                              | 6 420               | 177 313           | 5 042               | 10 132        | 120 185         | 557 019               | 551 902                           | 1 103 616                          | '41 750                              |
| 250 to 499 employees .....                                   | —              | 19                              | 6 204               | 204 465           | 5 132               | 10 183        | 141 558         | 662 590               | 582 701                           | 1 247 724                          | '75 124                              |
| 500 to 999 employees .....                                   | —              | 7                               | 4 739               | 169 811           | 3 585               | 7 785         | 112 616         | 615 725               | 496 620                           | 1 103 005                          | 40 396                               |
| 1,000 to 2,499 employees .....                               | —              | —                               | —                   | —                 | —                   | —             | —               | —                     | —                                 | —                                  | —                                    |
| 2,500 employees or more .....                                | —              | —                               | —                   | —                 | —                   | —             | —               | —                     | —                                 | —                                  | —                                    |
| Administrative records <sup>4</sup> .....                    | 9              | 73                              | 376                 | 12 338            | 322                 | 629           | 9 001           | 34 505                | 31 829                            | 66 333                             | '1 373                               |

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 5. Industry Statistics by Primary Product Class Specialization: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry or product class code | Industry or primary product class                          | All establishments <sup>1</sup> | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------------|--|---------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                |  |                                 | Number <sup>2</sup> | Payroll (\$1,000) | Number <sup>2</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| 311813                         | Frozen cakes, pies, and other pastries manufacturing ..... | 259                             | 22 381              | 697 807           | 17 611              | 35 695        | 464 937         | 2 212 527             | 1 967 628                         | 4 167 461                          | '178 994                             |
| 3118130                        | Frozen bakery product manufacturing .....                  | 259                             | 22 381              | 697 807           | 17 611              | 35 695        | 464 937         | 2 212 527             | 1 967 628                         | 4 167 461                          | '178 994                             |

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Product code | Product   | Number of companies with shipments of \$100,000 or more | Quantity of production for all purposes | Product shipments |                 |
|--------------|---|---|---|-------------------|-----------------|
|              |   |   |   | Quantity          | Value (\$1,000) |
| 311813       | Frozen cakes, pies, and other pastries manufacturing .....  | 2002.. N  | X                                       | X                 | 3 858 632       |
|              | 1997.. N  | N   | X                                       | X                 | 2 600 710       |
| 3118130      | Frozen bakery product manufacturing .....   | 2002.. N  | X                                       | X                 | 3 858 632       |
|              | 1997.. N  | N   | X                                       | X                 | 2 600 710       |
| 31181301     | Frozen soft cakes (including pound, layer, sheet, cheese, etc.) .....                                 | 2002.. N  | X                                       | X                 | 936 650         |
|              | 1997.. N  | N   | X                                       | X                 | 648 833         |
| 3118130111   | Frozen soft cakes (including pound, layer, sheet, cheese, etc.) .....                                 | mil lb.. 2002.. 57                                      | X                                       | S                 | 936 650         |
|              | 1997.. 79   | 79  | X                                       | 430.7             | 648 833         |
| 31181302     | Frozen pies .....   | 2002.. N  | X                                       | X                 | 912 700         |
|              | 1997.. N  | N   | X                                       | X                 | 836 301         |
| 3118130221   | Frozen pies .....   | mil lb.. 2002.. 37                                      | X                                       | 943.9             | 912 700         |
|              | 1997.. 46   | 46  | X                                       | 801.0             | 836 301         |
| 31181303     | All other frozen pastries .....   | 2002.. N  | X                                       | X                 | 1 596 850       |
|              | 1997.. N  | N   | X                                       | X                 | 999 781         |
| 3118130331   | Frozen yeast-raised doughnuts .....   | mil lb.. 2002.. 13                                      | X                                       | 127.8             | 91 825          |
|              | 1997.. 19   | 19  | X                                       | 130.0             | 76 921          |
| 3118130341   | Frozen cake-type doughnuts .....  | mil lb.. 2002.. 21                                      | X                                       | 107.2             | 91 797          |
|              | 1997.. 19   | 19  | X                                       | 58.9              | 57 748          |
| 3118130351   | Frozen pastries (including cream puffs, eclairs, lady fingers, French pastry, puff pastry, etc) ..... | mil lb.. 2002.. 26                                      | X                                       | 117.7             | 163 216         |
|              | 1997.. 38   | 38  | X                                       | 151.0             | 191 133         |
| 3118130361   | All other frozen sweet goods containing yeast (including sweet rolls and coffeecake) .....            | mil lb.. 2002.. 29                                      | X                                       | S                 | 247 300         |
|              | 1997.. 31   | 31  | X                                       | 90.5              | 98 690          |
| 3118130371   | All other frozen sweet goods not containing yeast (including danishes and muffins) .....              | mil lb.. 2002.. 41                                      | X                                       | S                 | 161 031         |
|              | 1997.. 33   | 33  | X                                       | 180.7             | 186 262         |
| 3118130391   | Frozen cookie and cracker products .....  | mil lb.. 2002.. 28                                      | X                                       | S                 | 328 056         |
|              | 1997.. 14   | 14  | X                                       | 64.4              | 26 194          |
| 31181303V1   | All other frozen bakery products .....  | 2002.. 51   | X                                       | X                 | 513 625         |
|              | 1997.. 48   | 48  | X                                       | X                 | 362 833         |
| 3118130Y     | Frozen bakery product manufacturing, nsk, total .....   | 2002.. N  | X                                       | X                 | 412 432         |
|              | 1997.. N  | N   | X                                       | X                 | 115 795         |
| 3118130YWW   | Frozen bakery product manufacturing, nsk, for nonadministrative-record establishments .....           | 2002.. N  | X                                       | X                 | 352 071         |
|              | 1997.. N  | N   | X                                       | X                 | 80 785          |
| 3118130YWY   | Frozen bakery product manufacturing, nsk, for administrative-record establishments .....              | 2002.. N  | X                                       | X                 | 60 361          |
|              | 1997.. N  | N   | X                                       | X                 | 35 010          |

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Not applicable for this report.]

**Table 7. Materials Consumed by Kind: 2002 and 1997**

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Material code | Material consumed  | Quantity | Delivered cost (\$1,000) |
|---------------|--|----------|--------------------------|
| 311813        | Frozen cakes, pies, and other pastries manufacturing   |          |                          |
| 00900001      | Total materials .....2002..  | X        | 1 721 244                |
|               | .....1997..  | X        | 1 046 048                |
| 31121111      | Wheat flour, white bread-type (excluding prepared mixes) ..... mil lb..2002..  | 468.9    | 50 157                   |
|               | .....1997..  | 239.3    | 31 142                   |
| 31121109      | Wheat flour, cake-type (excluding prepared mixes)..... mil lb..2002..  | 247.0    | 34 465                   |
|               | .....1997..  | 105.4    | 16 779                   |
| 31121103      | Wheat flour, cookie and cracker-type (excluding prepared mixes) ..... mil lb..2002..   | 120.6    | 13 675                   |
|               | .....1997..  | 21.4     | 4 093                    |
| 31122121      | Wheat gluten ..... mil lb..2002..  | P17.2    | 8 156                    |
|               | .....1997..  | 8.1      | 1 507                    |
| 31121105      | Wheat flour, other (including whole wheat, and clear flour), excluding prepared mixes ..... mil lb..2002..                   | S        | 8 812                    |
|               | .....1997..  | 117.2    | 14 030                   |
| 31100005      | Prepared doughnut mixes, cake and yeast types ..... mil lb..2002..   | S        | 28 605                   |
|               | .....1997..  | 54.2     | 23 073                   |
| 31100007      | Prepared bread mixes, including franchise mixes ..... mil lb..2002..   | S        | 2 850                    |
|               | .....1997..  | .1       | 84                       |
| 31100009      | Prepared cake mixes ..... mil lb..2002..   | S        | 56 494                   |
|               | .....1997..  | 25.1     | 11 304                   |
| 31100011      | Other prepared mixes, including sweetgoods ..... mil lb..2002..  | q43.2    | 22 437                   |
|               | .....1997..  | 28.2     | 12 205                   |
| 31131001      | Sugar, cane and beet (sugar solids) ..... 1,000 s tons..2002..   | P270.9   | 111 794                  |
|               | .....1997..  | S        | 55 231                   |
| 31122111      | Glucose syrup (corn syrup), conventional and regular (solids) ..... mil lb..2002..   | P41.1    | 7 008                    |
|               | .....1997..  | 22.1     | 3 532                    |
| 31122103      | High fructose corn syrup (HFCS) (solids) ..... mil lb..2002..  | P76.8    | 9 204                    |
|               | .....1997..  | 42.3     | 6 877                    |
| 31100003      | Other natural sweeteners (including dextrose, honey, molasses, and blends of corn sweeteners and sugar) ..... mil lb..2002.. | 32.1     | 16 121                   |
|               | .....1997..  | 44.2     | 9 364                    |
| 32510057      | Artificial sweeteners (solids) ..... mil lb..2002..  | 4.3      | 5 221                    |
|               | .....1997..  | .2       | 710                      |
| 31120011      | Shortening, vegetable (100 percent) ..... mil lb..2002..   | 180.2    | 54 358                   |
|               | .....1997..  | 140.6    | 43 732                   |
| 31100023      | Shortening, animal and blends of animal and vegetable ..... mil lb..2002..   | q26.4    | 7 642                    |
|               | .....1997..  | 6.4      | 2 382                    |
| 31161115      | Lard ..... mil lb..2002..  | S        | 2 469                    |
|               | .....1997..  | 5.4      | 1 804                    |
| 31100025      | Fats and oils, other (cooking oils, butter, margarine, puff paste, etc.) ..... mil lb..2002..                                | 134.7    | 55 537                   |
|               | .....1997..  | 57.6     | 28 291                   |
| 31199903      | Compressed yeast ..... mil lb..2002..  | 20.6     | 6 387                    |
|               | .....1997..  | 6.8      | 3 747                    |
| 31199905      | Active dry yeast ..... mil lb..2002..  | 5.3      | 3 517                    |
|               | .....1997..  | 1.0      | 1 806                    |
| 31141107      | Frozen fruits ..... mil lb..2002..   | 200.2    | 114 124                  |
|               | .....1997..  | 178.8    | 97 691                   |
| 31142305      | Fruits and nuts, dried (including raisins) ..... 1,000 cwt..2002..   | q221.1   | 41 052                   |
|               | .....1997..  | S        | 28 009                   |
| 31134001      | Glaze, candied and crystallized fruits, fruit peel, nuts, and other vegetable substances ..... mil lb..2002..                | P14.9    | 8 271                    |
|               | .....1997..  | D        | D                        |
| 31142101      | Jams, jellies and preserves, including fruit butter and maraschino cherries ..... mil lb..2002..                             | q15.6    | 10 618                   |
|               | .....1997..  | S        | 4 385                    |
| 31199901      | Eggs (liquid, dried, and frozen) (dry weight equivalent) ..... mil lb..2002..  | P105.3   | 78 114                   |
|               | .....1997..  | S        | 40 504                   |
| 31151305      | Processed cheese ..... mil lb..2002..  | q40.3    | 49 715                   |
|               | .....1997..  | 31.8     | 34 768                   |
| 31151405      | Milk and milk replacers (dry milk, dry whey, blends, soy whey, etc.) ..... mil lb..2002..                                    | 53.3     | 40 144                   |
|               | .....1997..  | S        | 28 896                   |
| 31132001      | Chocolate (compounds, cocoa, chocolate liquor, coatings, chocolate flavoring, etc.) ..... mil lb..2002..                     | S        | 53 482                   |
|               | .....1997..  | 106.5    | 20 057                   |
| 33299901      | Aluminum foil packaging products, converted or rolls and sheets .....2002..  | X        | 29 001                   |
|               | .....1997..  | X        | 39 045                   |
| 001900A1      | Packaging paper and plastics film, coated and laminated .....2002..  | X        | 64 105                   |
|               | .....1997..  | X        | 32 857                   |
| 001900A3      | Bags (plastics, foil, and coated paper) .....2002..  | X        | 23 441                   |
|               | .....1997..  | X        | 10 035                   |
| 32222401      | Bags (uncoated paper and multiwall) .....2002..  | X        | 1 161                    |
|               | .....1997..  | X        | D                        |
| 32221001      | Paperboard containers, boxes, and corrugated paperboard .....2002..  | X        | 159 989                  |
|               | .....1997..  | X        | 115 625                  |
| 00970099      | All other materials and components, parts, containers, and supplies .....2002..  | X        | 205 429                  |
|               | .....1997..  | X        | 214 443                  |
| 00971000      | Materials, ingredients, containers, and supplies, nsk .....2002..  | X        | 337 689                  |
|               | .....1997..  | X        | 92 996                   |

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